

Figure 1a  
 Single Stage Fluid Bed  
 Reactor  
 for any Silicon Containing  
 Gas (Silane or  
 Trichlorosilane  
 and 3 SCG Inlet Coolers  
 (two of three shown))

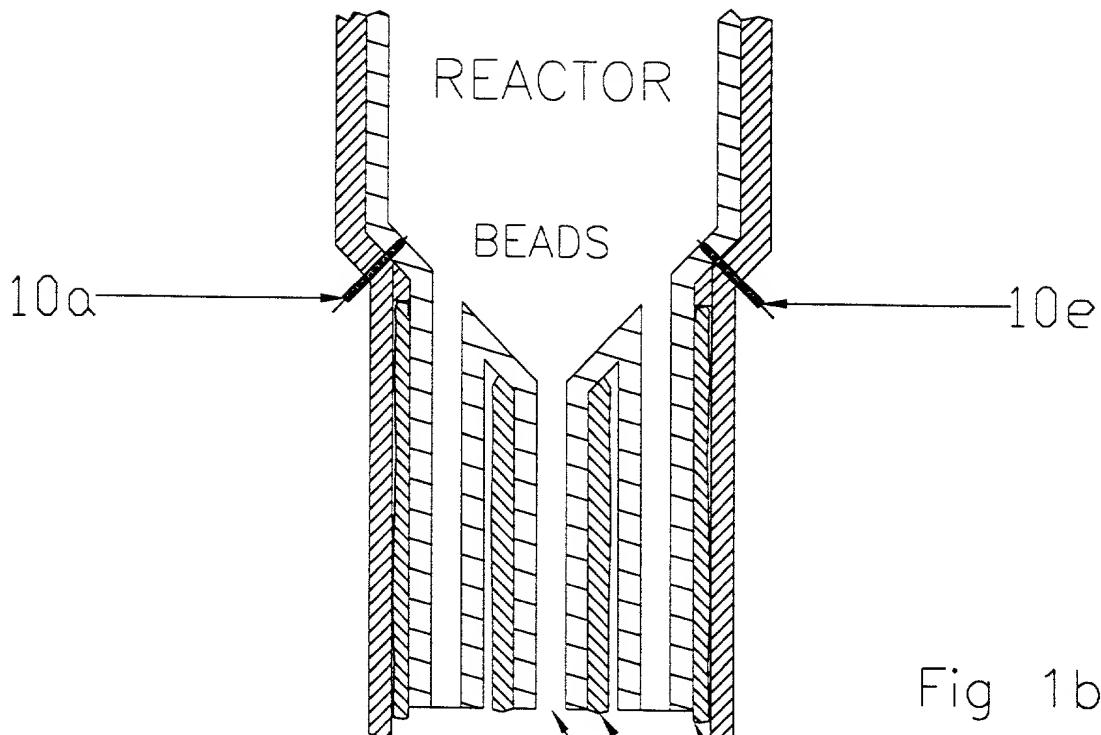
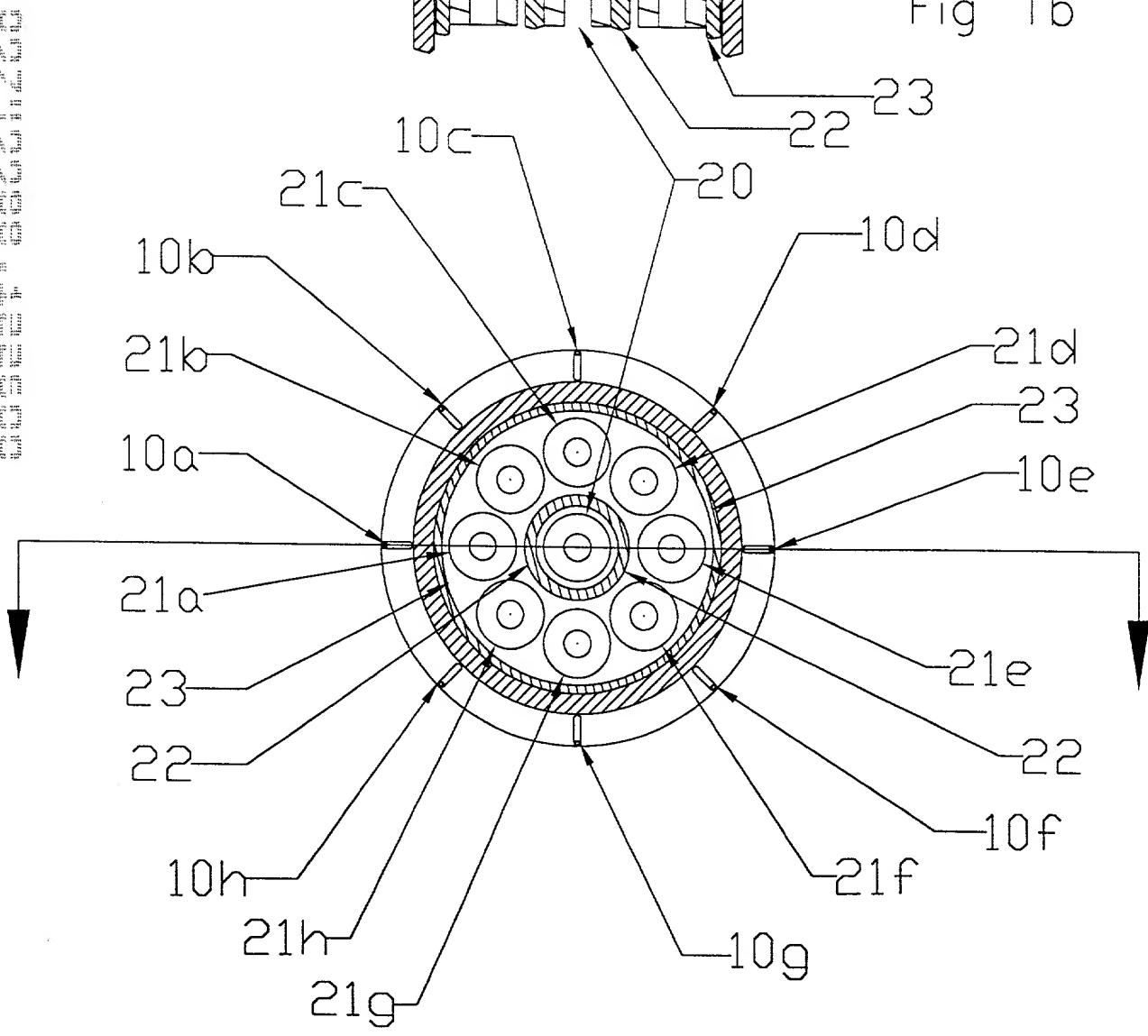


Fig 1b



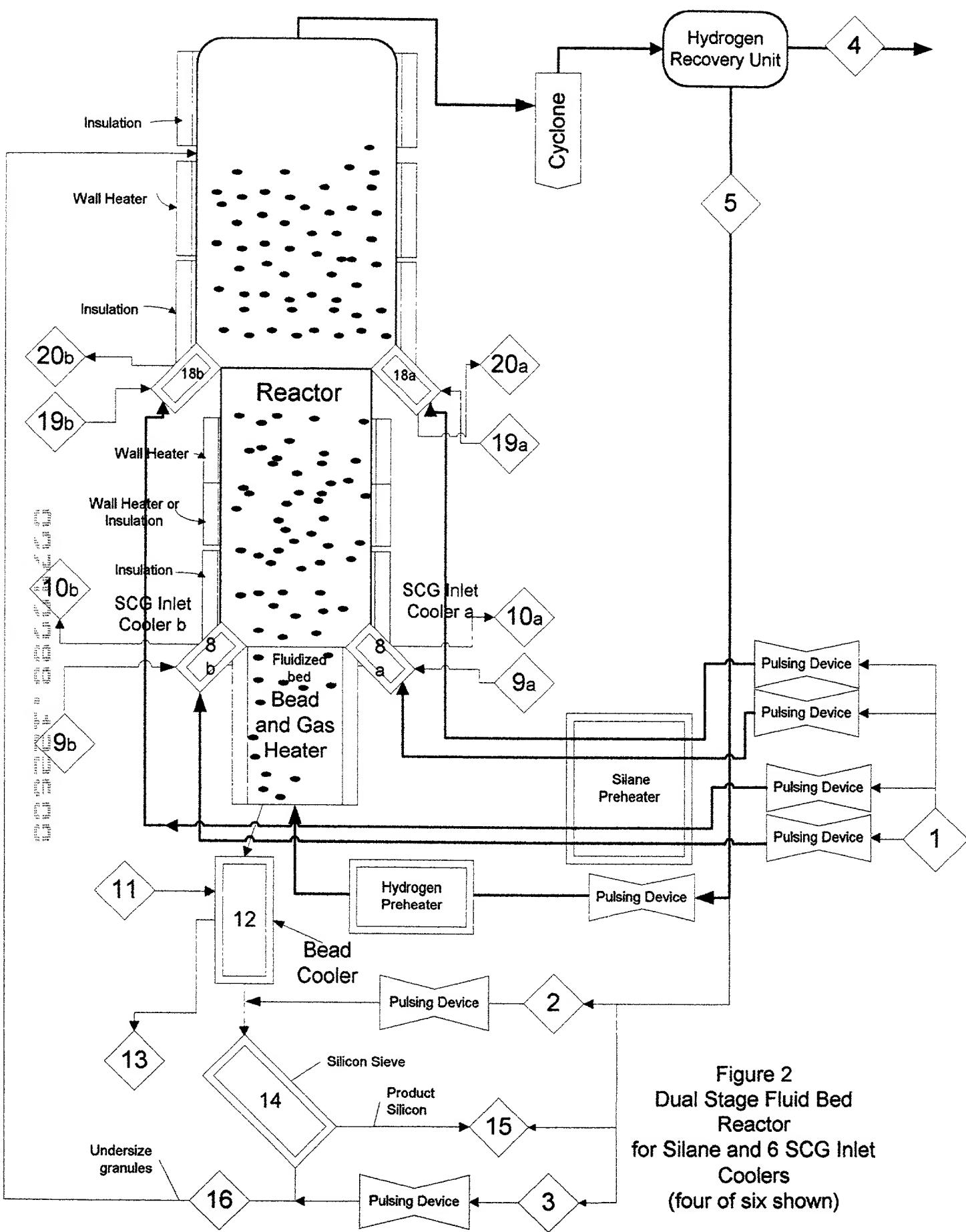


Figure 2  
Dual Stage Fluid Bed  
Reactor  
for Silane and 6 SCG Inlet  
Coolers  
(four of six shown)

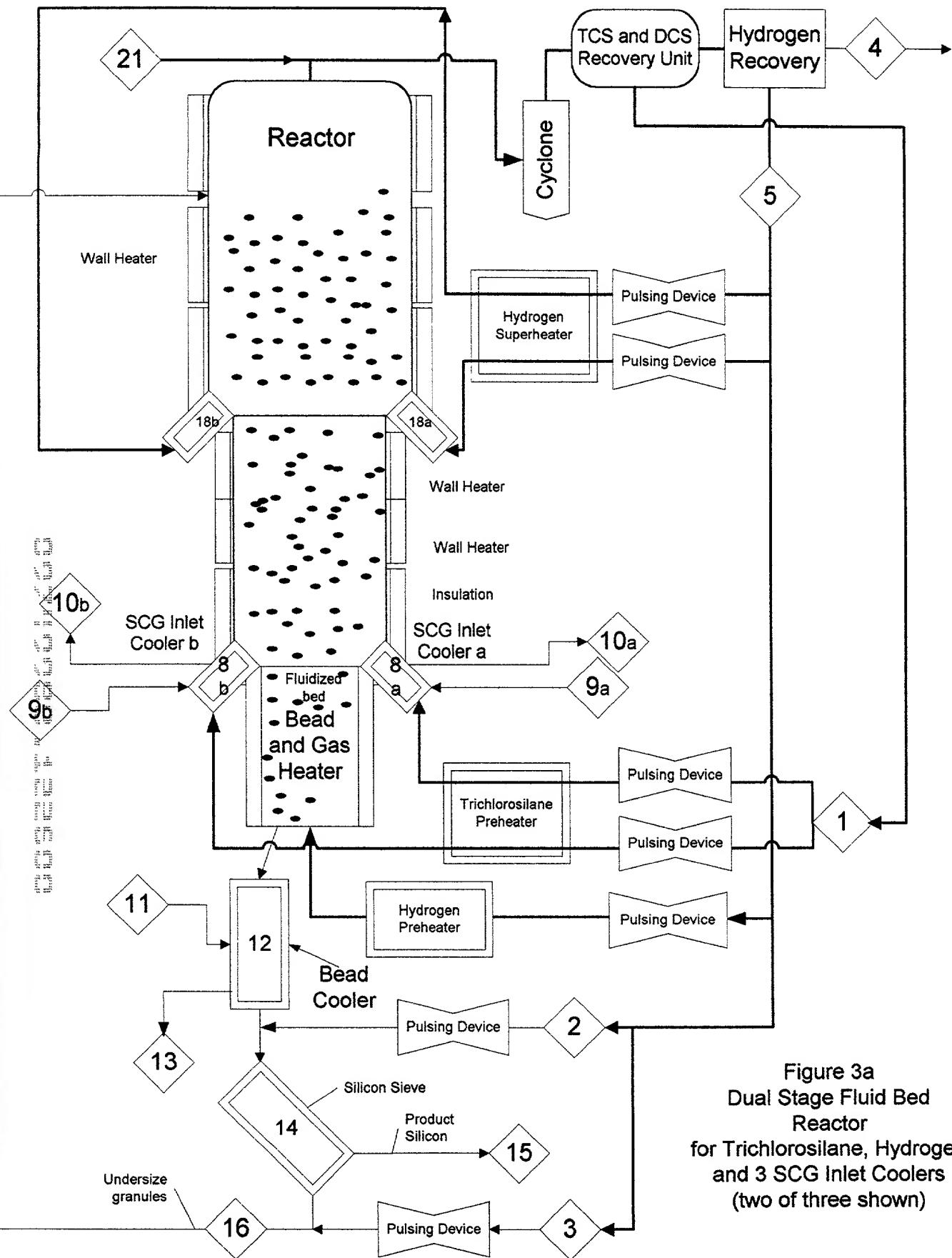


Figure 3a  
Dual Stage Fluid Bed  
Reactor  
for Trichlorosilane, Hydrogen  
and 3 SCG Inlet Coolers  
(two of three shown)

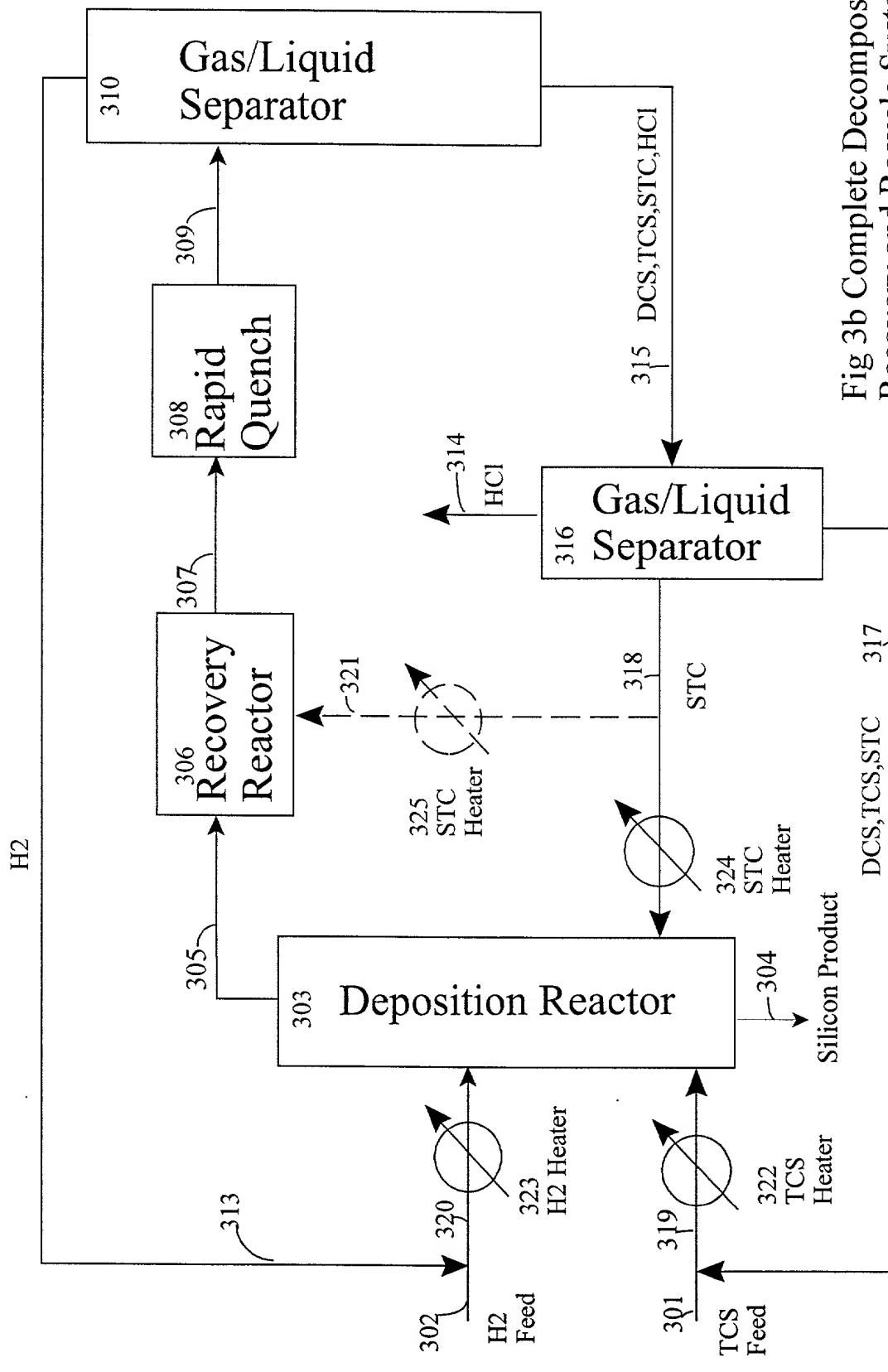


Fig 3b Complete Decomposition,  
Recovery and Recycle System  
Using Two Gas Liquid  
Separators

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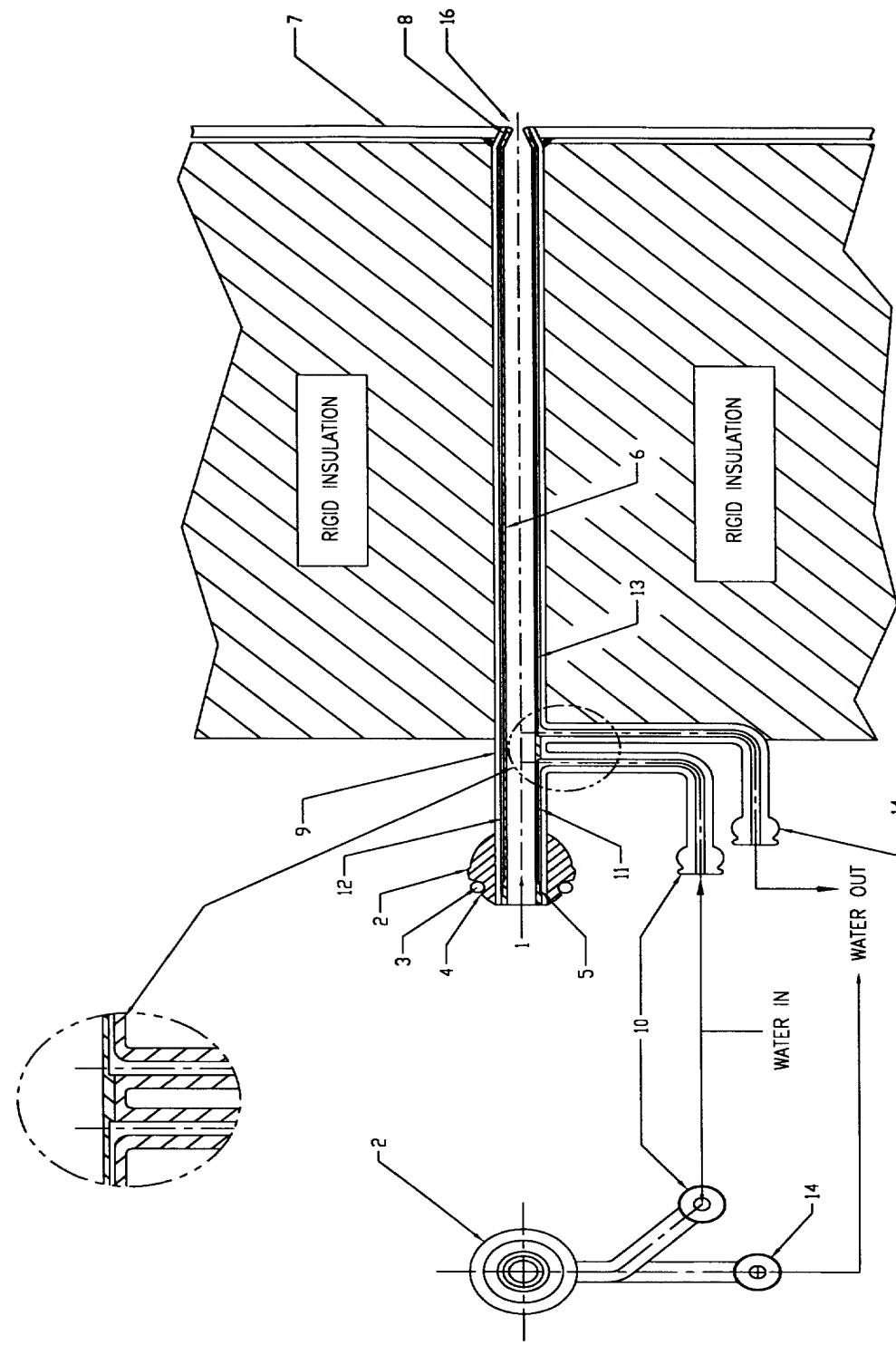


Fig 4a

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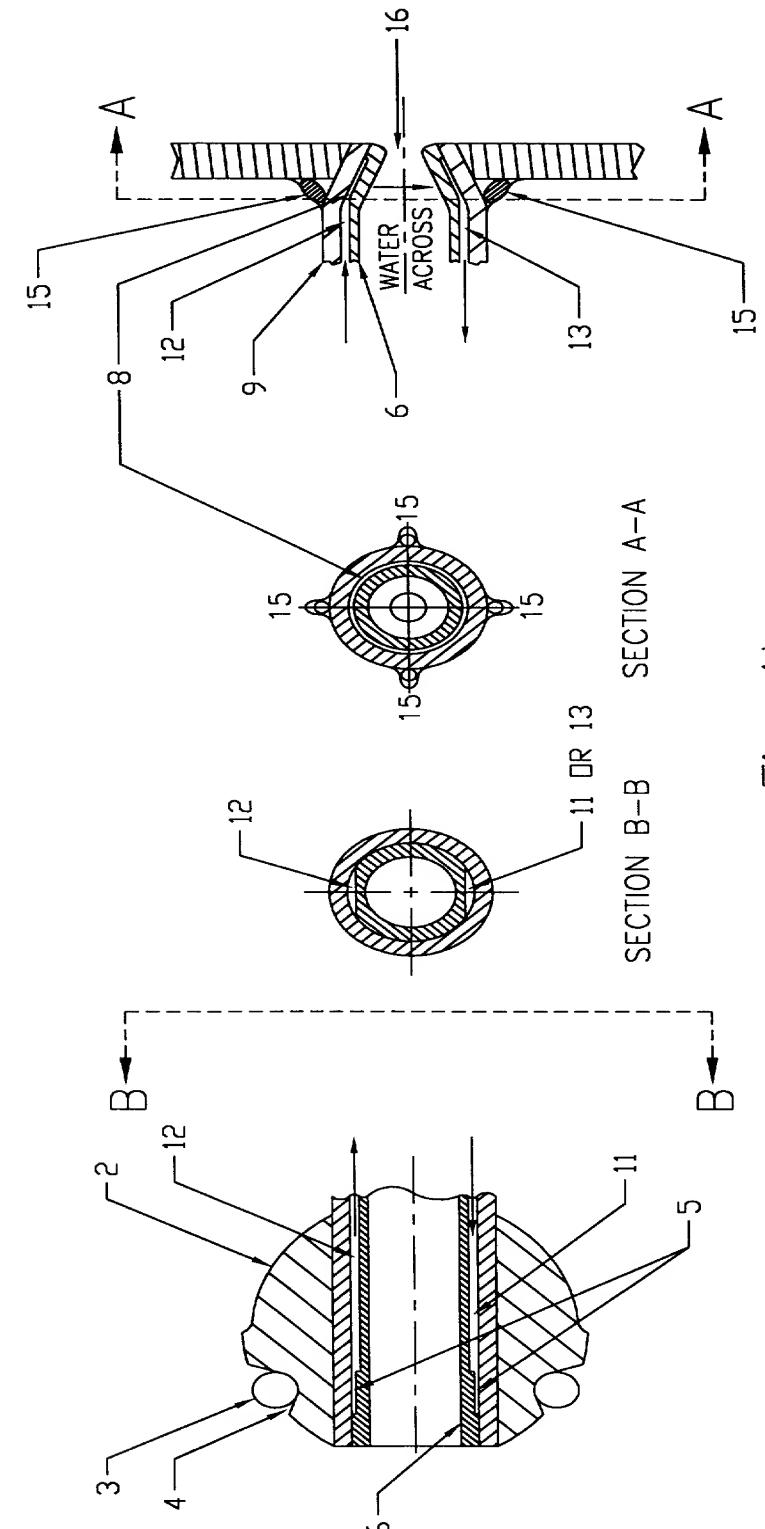
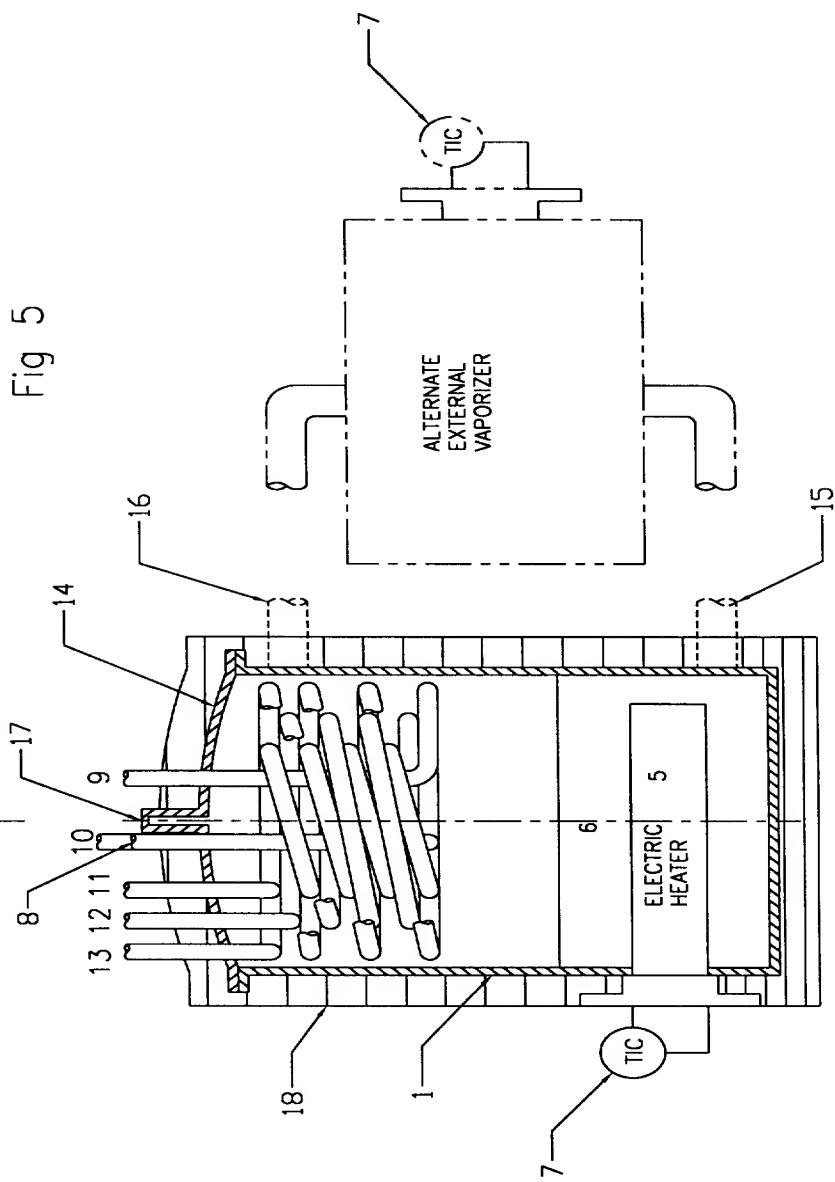
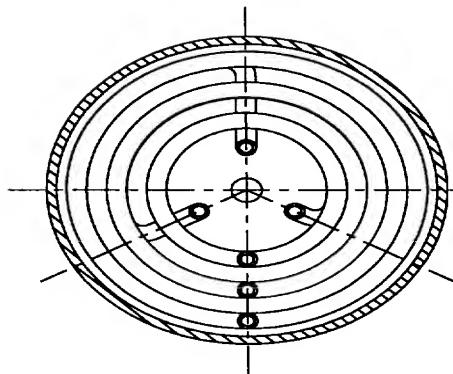


Fig 4b

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Fig 5



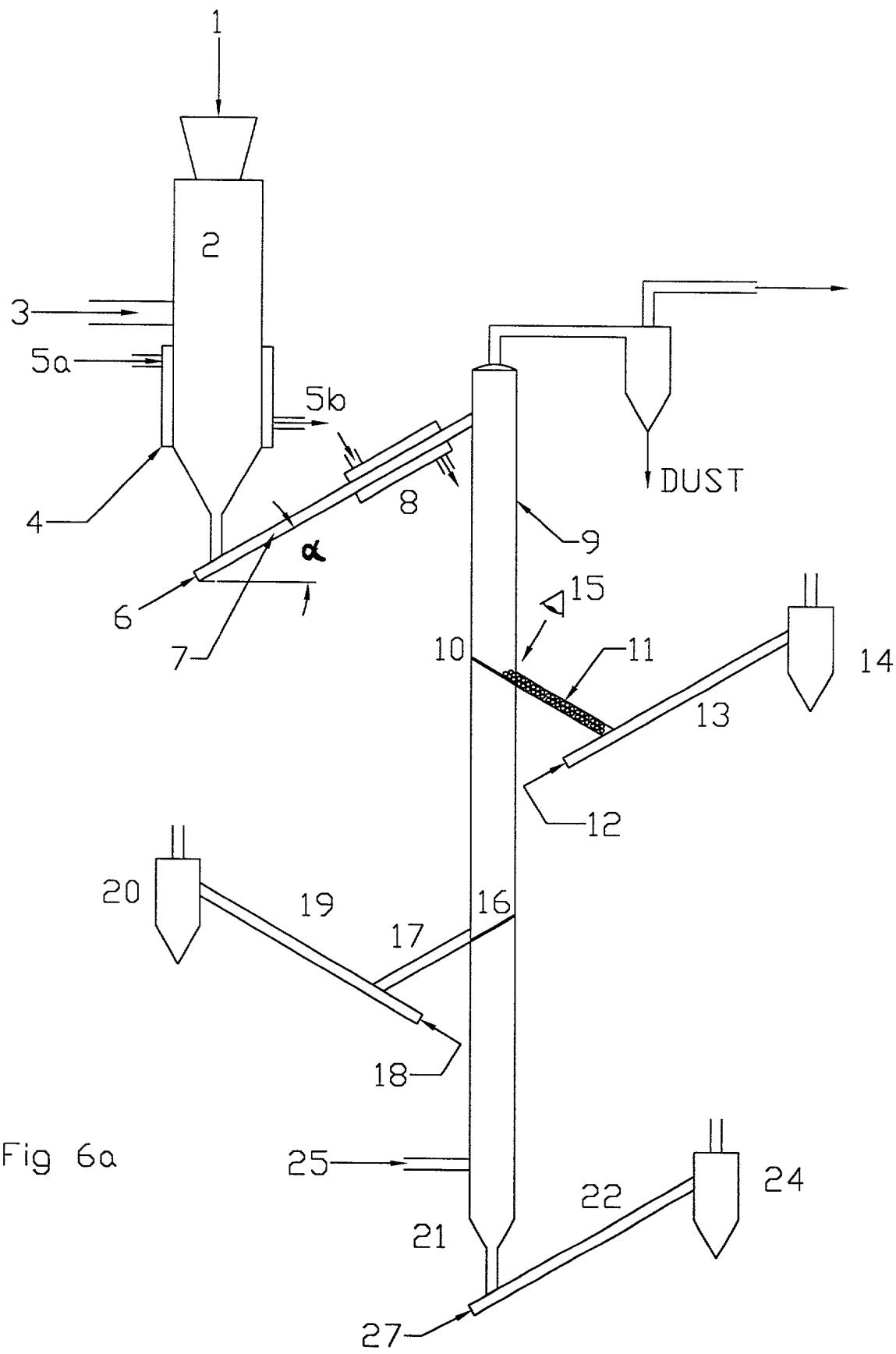


Fig 6a

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